

### CERTIFICATE OF ANALYSIS (COA)

Product Name	LAVENDER ESSENTIAL OIL
Botanical Name	Lavandula angustifolia (synonym Lavandula officinalis)
CAS #	8000-28-0 ; 90063-37-9
EINECS #	289-995-2
INCI Name	Lavandula Angustifolia (Lavender) Flower Oil

Part Used	Flowers
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Middle to Top Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULT</u>
Appearance	Colorless to pale yellow clear, mobile liquid	CONFORMS
Odour	Very fresh, sweet, green-floral, herbaceous aroma	CONFORMS
Refractive Index	1.430 to 1.470 nD	1.461
Specific Gravity (g/mL)	0.8400 to 0.9200 g/cm <sup>3</sup>	0.883
Optical Rotation (°)	-14° to +7°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	CONFORMS
Yeast and Mould	< 10 CFU/g	ISO 16212	CONFORMS
Candida albicans	ABSENT / 1g	ISO 18416	CONFORMS
Escherichia coli	ABSENT / 1g	ISO 21150	CONFORMS
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	CONFORMS
Staphylococcus aureus	ABSENT / 1g	ISO 22718	CONFORMS

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
Lead: Pb (mg/kg or ppm)	< 10 ppm	na	CONFORMS
Arsenic: As (mg/kg or ppm)	< 2 ppm	na	CONFORMS
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na	CONFORMS

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